

CERTIFICATE OF MAILING

I hereby certify that this *Information Disclosure Statement* is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date, May 27<sup>th</sup>, 2005.

*Karen Buzinski*  
Karen Buzinski

Customer Number

27483

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Terrence M. Fulkerson et al.	)	Examiner:	Not yet assigned
	)		
Serial No.: 10/711,429	)	Art Unit:	3746
	)	Confirmation No.:	5428
Filed: September 17, 2004	)	Attorney Docket No.:	11694/04384
	)		
For: <b>DENSE PHASE PUMP FOR DRY PARTICULATE MATERIAL</b>	)		
	)		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B forms and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

**FOREIGN LANGUAGE DOCUMENTS**

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents, together with that portion of the Communication indicating the degree of relevance found by the foreign patent office.

INFORMATION DISCLOSURE STATEMENT  
Appln. No. 10/711,429

Attorney Docket No. 11694/04384

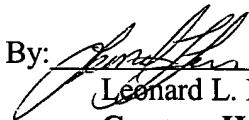
- In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:  
DE 1087520 Appears to show conveyance with pistons.  
DE 19654648 English Abstract provided.  
DE 19654523 English Abstract provided.  
EP 124933 English Abstract provided.  
EP 347544 English Abstract provided.  
EP 124933 English Abstract provided.
- Complete English translations of foreign language documents are being submitted herewith, and therefore no concise explanation for such documents is required.  
EP 1437178 Translation provided.  
EP 1080789 Translation provided.  
JP 9-71325 Translation provided.  
JP 9-150105 Translation provided.  
WO 03/024612 Translation provided.  
WO 03/024613 Translation provided.

**CERTIFICATION AND FEE PAYMENT INFORMATION**

- The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination under 37 C.F.R. § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required. If this is not the case, the patent office is hereby authorized to charge any related fee to Deposit Account No. 030172.

Respectfully submitted,

Date: May 26, 2005

By:   
Leonard L. Lewis, Reg. No. 31,176  
**CALFEE, HALTER & GRISWOLD LLP**  
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**Complete if Known**

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Application Number	10/711,429
Filing Date	September 17, 2004
First Named Inventor	Fulkerson et al.
Art Unit	3746
Examiner Name	not yet assigned
Attorney Docket Number	11694/04384

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,151,514	03/21/39	Heinen	
		US- 2,536,300	01/02/51	Martin	
		US- 2,667,280	01/26/54	Lane et al.	
		US- 5,620,138	04/14/97	Crum	
		US- 3,932,065	01/13/76	Ginsberg et al.	
		US- 3,994,627	11/30/76	Calzolari	
		US- 4,576,827	03/18/86	Hastings	
		US- 4,739,935	04/26/88	Hastings et al.	
		US- 5,700,323	12/12/97	Koch	
		US- 5,252,037	10/12/93	Carlson	
		US- 5,615,830	04/01/97	Matsunaga et al.	
		US- 6,508,610	01/21/03	Dietrich	
		US- 5,788,728	08/04/98	Solis et al.	
		US- 6,325,572	12/04/01	Dietrich	
		US- 3,463,553	08/26/69	Boucraut et al.	
		US- 3,659,151	04/25/72	Febre	
		US- 4,143,819	03/13/79	Hastings	
		US- 4,241,880	12/30/80	Hastings	
		US- 4,502,629	03/05/85	McGhee et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		DE 1087520	08/18/60	Polysius GmbH		
		EP 124 933	11/14/84	Dietrich		
		EP 347 544	12/27/89	Claassan		
		DE 19654648	04/23/98	Dietrich		
		EP 1437178	07/14/04	ITW Gema AG		<input checked="" type="checkbox"/>
		DE 19654523	07/02/98	Wago		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 2

of 3

**Complete if Known**

Application Number	10/711,429
Filing Date	September 17, 2004
First Named Inventor	Fulkerson et al.
Art Unit	3746
Examiner Name	not yet assigned
Attorney Docket Number	11694/04384

Attorney Docket Number 11694/04384

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 82/00349	02/04/82	Askov Mejeri		
		WO 05/05060	01/20/05	Studio A-Z Di		
		WO 01/19529	03/22/01	Nordson		
		WO 03/024612	03/27/03	Ramseier		✓
		WO 03/024613	03/27/03	Bayerische		✓
		WO 05/018823	03/03/05	Nordson		

Examiner Signature		Date Considered	
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Sheet 3

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
		EP 680 790	11/08/95	Ransburg	
		EP 1080789	03/07/01	Ivo Technik	✓
		EP 1084759	03/21/01	Nordson	
		GB 1236772	06/23/71	Societe Anonyme	
		JP 9-150105	06/10/97	Nippon Parker	✓

Examiner Signature		Date Considered	
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